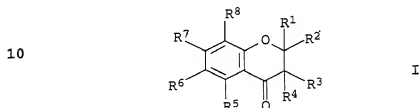
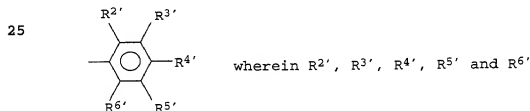


Claims

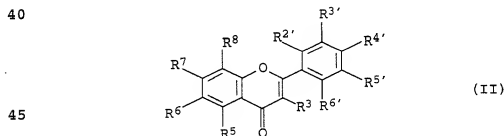
1. A composition for inhibiting COX-2 biosynthesis or COX-2- and  
5 NFκB-biosynthesis comprising a therapeutically effective  
amount of the compound of formula I



- 15 wherein R<sup>1</sup> and R<sup>4</sup> represent either Hydrogen or together a bond  
R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup> represent independently of each other Hydrogen,  
Hydroxy or Methoxy; in addition R<sup>7</sup> represents a sugar substi-  
20 tuent like glucoside, rutinosid, manno gluco pyransyl, apro-  
sylglucoside  
R<sup>2</sup> and R<sup>3</sup> represent Hydrogen, Hydroxy, Methoxy or



- 30 are independently or each other Hydrogen, Hydroxy or Methoxy  
with the proviso, that R<sup>2</sup> or R<sup>3</sup> is represented by the option-  
ally substituted Phenylring and a pharmaceutically accept-  
able carrier.  
35 2. A composition for inhibiting COX-2 biosynthesis or NFκB-bio-  
synthesis or NFκB and COX-2 biosynthesis comprising a thera-  
peutically effective amount of the compound of formula II.



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wherein R<sup>3</sup> represents Hydrogen, Hydroxy or Methoxy and R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>2'</sup>, R<sup>3'</sup>, R<sup>4'</sup>, R<sup>5'</sup>, R<sup>6'</sup> are as given in claim 1 and a pharmaceutical acceptable carrier.

- 5 3. A method for inhibiting COX-2 biosynthesis or COX-2 biosynthesis and NF $\kappa$ B biosynthesis comprising administering to a patient in need of such treatment a therapeutically effective amount of a compound of claim 1.
- 10 4. A method for inhibiting COX-2 biosynthesis or NF $\kappa$ B biosynthesis or COX-2 biosynthesis and NF $\kappa$ B biosynthesis comprising administering to a patient in need of such treatment a therapeutically effective amount of a compound of claim 2.
- 15 5. A method for treating inflammation, rheumatoid arthritis, osteoarthritis, comprising administering to a therapeutically effective amount of a compound of claim 1.
- 20 6. A method for treating pain, fever, inflammation, rheumatoid arthritis, osteoarthritis, adhesions, cardiovascular diseases, Alzheimer's disease, sepsis, diabetes, comprising administering to a therapeutically effective amount of compound of claim 2.
- 25 7. A method for prevention of inflammation, rheumatoid arthritis, osteoarthritis comprising administering of an effective amount of a compound of claim 2 as an oral composition or as nutrient preparation.
- 30 8. Food enriched with a compound of claim 1.
9. Food enriched with a compound of claim 2.
10. Food enriched with flavone.
- 35 11. Nutritional substance comprising a compound of claim 2.
12. Nutritional substance comprising flavone.

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